COIN INDUSTRY
PLAY METER
UPDATE
Vol 2 No. 15 December, 1976

Columbia Pictures Buys Gottlieb

Alan J. Hirschfield, president of Columbia Pictures Industries, Inc., has announced that it has entered into an agreement to acquire all of the outstanding stock of privately-held D. Gottlieb & Co. Gottlieb pioneered the development of the non-gambling coin-operated pinball machine fifty years ago and today is the world's largest manufacturer of such amusement machines, according to Hirschfield.

Hirschfield noted that this acquisition presents an opportunity to explore entry into the rapidly-expanding home entertainment market in addition to Columbia's moving into a growing worldwide amusement market that complements its film, television, record and commercial activities.

Hirschfield also stated, "This acquisition comes as a logical consequence of the overall plan carried out at Columbia over the last three years. After accomplishing an initial turnaround, we succeeded in substantially reducing our bank debt, in divesting the company of certain operations and in achieving significant improvements in our management efficiency and in the level of our operating profits. We felt that process was completed early this fall and we began a thorough search for the kind of acquisition we are now announcing. Gottlieb is a major company in a growing industry that we feel will add to our earnings base and will introduce stability into our overall results." Hirschfield went on to say that "with more than 1600 employees, two manufacturing plants in Illinois and one in Fargo, N.D., Gottlieb meets Columbia's established acquisition criteria of a strong financial position, an outstanding record of growth and experienced management."

Terms of the acquisition call for Columbia to purchase Gottlieb's common stock for $47 million of which $6 million will be paid on closing, $24 million on January 3, 1977 and the balance in installments during the calendar years 1977 through 1982, subject to deferral in certain events. In addition, the common stockholders of Gottlieb will receive options to purchase an aggregate of 400,000 shares of Columbia common stock at $10 per share, subject to reduction of the option price based on a formula should the market price of Columbia common stock exceed $10. As *Play Meter* went to press, Columbia stock's Big Board exchange value was $7.25 per share.

Columbia has also agreed to purchase all outstanding Gottlieb preferred stock for $3.3 million on a deferred payment basis effective no earlier than 1980.

The transaction, which has been approved by Columbia's Board of Directors, is subject to, among other conditions, consent of Columbia's lending institutions from whom the firm will re-borrow approximately $22 million with regard to this transaction. This represents approximately the amount received by Columbia from the sale of its music publishing business. After closing. D. Gottlieb & Co. will operate as a wholly-owned subsidiary of Columbia under its present management who will serve with long-term employment contracts.

Hirschfield estimated that for the twelve months ending December 31, 1976, D. Gottlieb & Co. will report consolidated net income before taxes of more than $11.5 million and that at closing the consolidated net worth of Gottlieb should approximate $24 million and $17 million, respectively.

ChiCoin Sold at Auction

The assets of Chicago Dynamics Industries was offered for sale at public Auction Dec. 13. CDI is parent company to Chicago Coin.

The property offered for sale, in bulk only, included all the goods of the company located at both Chicago addresses. This included all furnishings, fixtures, machinery, tools and equipment. Also for sale was the entire inventory of the company, including all coin-operated machines, amusement devices and games, all raw materials, parts, supplies, goods-in-process and finished goods. "General intangibles" (not including registered patents and trademarks) in which Chicago Dynamics had an interest were also included in the sale.

The sale was offered by Central National Bank in Chicago and Main

(continued overpage)

COIN INDUSTRY
PLAY METER

MEMBER
Volume 2/No. 15
December, 1976

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Published monthly by Skybird Publishing Company. Publishing offices 4136 Washington Avenue, P.O. Box 24170, New Orleans, La. 70184. Telephone (504) 827-0320. Printing Offices, Franklin Printing Co., 209 Magazine St., New Orleans, La. Controlled circulation at New Orleans, La. Subscription rates: U.S. and Canada--$20; Europe and Japan--$35; Elsewhere--$40. Multiple subscriptions (ordered at one time): 2-9, $17 each; 10-24, $15 each; 25 or more, $10 each. Advertising rates on request. Copyright 1976 by Skybird Publishing Company. No part of this magazine may be reproduced without express permission. The trademarks, PLAY METER and COIN INDUSTRY PLAY METER, are registered. The editors are not responsible for unsolicited contributions. Postmaster: Send form 3579 to Play Meter, P.O. Box 24170, New Orleans, La. 70184.

(continued from previous page)

Bank of Chicago as secured parties.

Prior to the sale, Chicago Dynamics President Jerry Marcis told *Play Meter* that he expected bids to be made and the company to be back in business on a full-time basis shortly. Currently Chi Coin employees are on a temporary lay-off and production is shut down. Current models are bing shipped, however, according to Marcis.

The bank made the only bid on the assets, however, and their bid of 1.8 million was accepted. In a later conversation with *Play Meter,* following the sale, Marcis indicated that that figure was a rather misleading one in that certain property of the company, including its real estate, had been excluded from the sale.

As *Update* went to press, the bank was negotiating with a prospective buyer, which Marcis could identify only as "a well-known name in the industry." A sale announcement is expected shortly.

Chicago Considers Pinball Law

Chicago's City Council met early this month for a second hearing regarding a proposed ammendment to the decades old ordinance licensing coin-operated equipment in the city of Chicago. The ammendment, proposed by Mayor Richard J. Daley, would change the ordinance to allow the operation of flipper games in Chicago.

The council heard testimony from Joe Robbins of Empire Distributing of Chicago. Later Robbins told *Play Meter* that his testimony in favor of the ammendment met with a good reception from the council although he did hear many of the usual negative comments about the coin industry and he felt that the council was laboring under some misunderstanding with regard to the income earned by the average pinball game.

The ammendment was referred to the council's finance committee for further study. While this may delay matters slightly, Robbins declared that he thought the ammendment had a "better than fighting chance" to pass.

TECHNICAL TOPICS

by Fred McCord

I have received requests for credit and start circuit rundown, so, here goes.

Figure 1 is a typical credit and start circuit.

Figure 2 is a typical electronic latch circuit.

This circuit is commonly called the static circuit because of the role it plays in turning off the game if a static charge is introduced into the game.

First, let's go through the logic in *Figure 1.*

1. A coin is dropped in coin slot and coin switch makes and breaks. 7404 prevents normal switch switch bounce from getting into the logic as erroneous pulses.

2. Logic "Ø" on B6 pin 3 is inverted and puts a logic "1" on A7(7474) pins 1 and 13. (Pins 1 and 13 are the direct reset pins of DC flip flop. A logic "Ø" (bubble) prevents the inputs from affecting a change at the outputs, and forces Q(pin 5) to a "Ø" and $\overline{Q}$ (pin 6) to a logic "1".)

3. A7(7474) comprises an anti-cheat circuit which prevents a credit due to incidental or player-induced vibrations. Pins 1 and 13 must be high (1) for a period of time equal to or greater than 128 vertical pulses or about 4 milliseconds.

4. If the coin switch is made for the required length of time then both "Q" outputs (pins 5 and 9) will go high.

5. Pins 1 and 2 of 7408 both going high at the same time cause a high output on pin 3.

6. This high goes to 7404 pin 11 and is inverted. The resultant low clears (resets) flip flop B7.

7. When a 7474 is reset its $\overline{Q}$ output goes high and the result is a logic low at 7402 pin 12 which allows current to flow through the credit LED thus illuminating it.

8. Meanwhile the same logic high that enabled the 7474 at A7 also goes to pin 11 of the 7402 (C6). Note the configuration of the 7402 is such that output is low (bubble) when either input is high (no bubble). Since a high on C6 pin 11

causes a low at pin 13, the start flip flop (C7) is cleared (reset) which *allows* us to start the game by pushing the start switch which puts a logic 1 on pin 12 of the 7474 at C7.

9. The signal 512 V (vertical) occurs about every 17 milliseconds (.017 seconds). When it goes high (no bubble), the high on pin 12 is clocked through to pin 9. Note that the signal, start, has no line over it therefore it goes high to be true. Therefore we have caused a start condition.

10. When start goes high, $\overline{\text{start}}$ (pin 8) goes low and resets the attract flip flop. Remember, a low on pin 1 causes a low on pin 5. Therefore pin 6 of the 7474 goes high which means attract (ATRC) is in the reset or untrue state and the player controls are active.

Now look at *Figure 2* and we'll go briefly through the circuit.

1. Note first that a signal called Q goes to pin 4 of the 7474's at B7 and C7. Pin 4 is the direct set input. This means simply that a low (bubble) forces the outputs of the 7474 to their active (true) states. Remember a line over a signal (Q) means it is normally high and goes low when true.

2. When the $\overline{\text{coin}}$ is inserted, coin (coin not) goes low. The low at A8 pin 1 is inverted and A8 pin 2 (Q) goes high. The low is now removed from the set inputs of B7 and C7 which enables the flip flops to be toggled with the D and C inputs.

3. If a static charge is introduced, a small voltage is induced in the antenna which goes directly to the base of Q1.

4. A high on the base will cause the transistor to conduct (closed switch) and it becomes effectively a short between collector and emitter. Since the emitter is at ground, the collector drops very close to ground, or to a logic low.

5. This low turns off Q2 (open switch) which means that its collector goes to a logic 1.

6. A8 inverts the logic 1 and Q goes low.

7. A low at C7 pin 4 forces pin 6 ($\overline{\text{ATRC}}$) low so that signal is in the active or true state. Therefore the game is forced to the attract mode.

8. At the same time, the low signal Q at B7 pin 4 forces pin 6 low. The low is inverted and becomes a high at C6 pin 12. The configuration of C6 says output is low (bubble) when either input is high (no bubble).

9. The resulting low at C6 pin 13 resets C7, the start flip flop, so the game cannot be started.

If problems occur in starting a game there are a couple of things to check before doing any extensive troubleshooting.

1. Make sure that the actuator wire has not been inadvertently bent. If bent down, the length of time the switch is made will change and although the coin counter might trip, the game will not recognize a valid quarter since the time may be too short.

2. With a meter make sure that Q is low and goes high as soon as the coin switch is toggled.

An excellent description of the above circuits may be found in the *Video Game Operator's Handbook.* This should be available through your local Atari distributor.

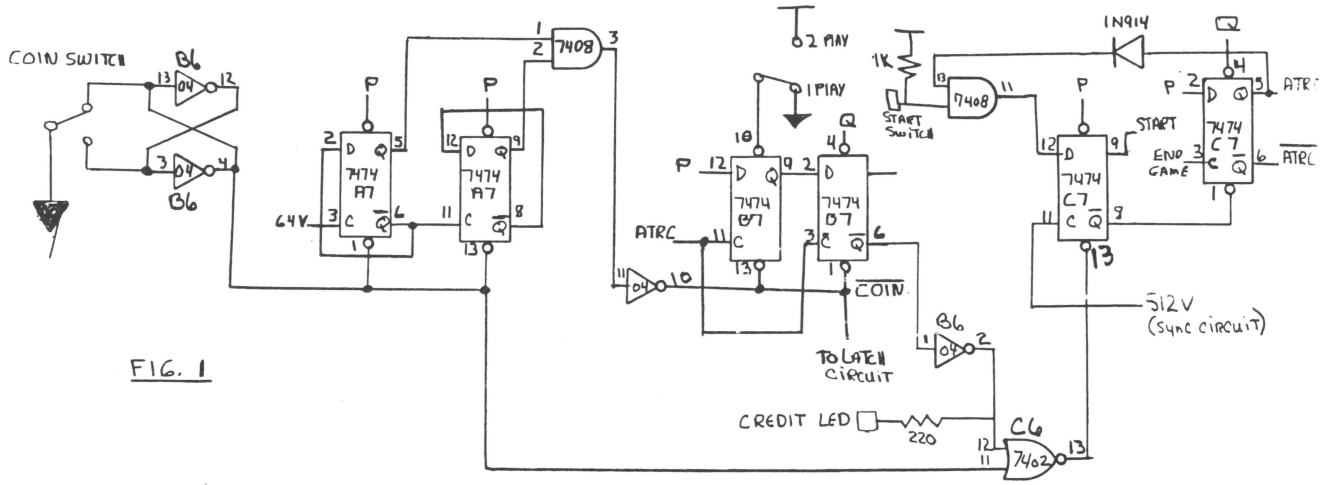

FIG. 1

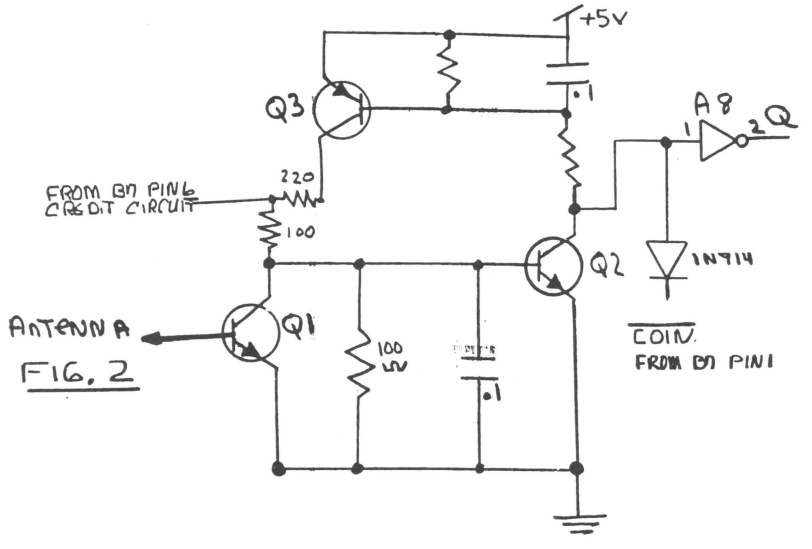

FIG. 2

Letter:

Gentlemen:
Update, *Vol.2, No. 11, Oct. '76, pg. 3, col. 2, "1) A bubble indicates logic low (OVDC to 5VDC) "should read "indicates a logic low (OVDC to 0.8VDC)."*

Also, a distinction should be made between static symbols (Q) and dynamic symbols (HSYNC).

Raymond J. Markiewicz
107 Mark Street
Latrobe, Pennsylvania

JUKEBOX

TITLE, ARTIST, Label, Number, (Distributing Label)

Now	Was		WKS. ON CHART
1	1	**TONIGHT'S THE NIGHT (GONNA BE ALRIGHT)** ROD STEWART Warner Bros. WBS 8262 (4th Week)	11
2	2	**THE RUBBERBAND MAN** SPINNERS/Atlantic 3355	13
3	6	**YOU DON'T HAVE TO BE A STAR (TO BE IN MY SHOW)** MARILYN McCOO & BILLY DAVIS, JR./ABC 12208	14
4	5	**MORE THAN A FEELING** BOSTON/Epic 8 50266	12
5	3	**MUSKRAT LOVE** CAPTAIN & TENNILLE/A&M 1870	12
6	4	**ROCK 'N ME** STEVE MILLER BAND/Capitol P 4323	17
7	8	**NADIA'S THEME (THE YOUNG AND THE RESTLESS)** BARRY DeVORZON & PERRY BOTKIN, JR./A&M 1856	16
8	13	**YOU MAKE ME FEEL LIKE DANCING** LEO SAYER/ Warner Bros. WBS 8283	9
9	10	**NIGHTS ARE FOREVER WITHOUT YOU** ENGLAND DAN & JOHN FORD COLEY/Big Tree BT 16079 (Atlantic)	10
10	11	**LOVE SO RIGHT** BEE GEES/RSO 859 (Polydor)	12
11	12	**YOU ARE THE WOMAN** FIREFALL/Atlantic 3335	16
12	15	**I NEVER CRY** ALICE COOPER/Warner Bros. WBS 8143	12
13	7	**BETH** KISS/Casablanca NB 863	15
14	18	**STAND TALL** BURTON CUMMINGS/Portrait 6 77001	11
15	20	**SORRY SEEMS TO BE THE HARDEST WORD** ELTON JOHN/ MCA/Rocket 40645	5
16	19	**HOT LINE** SYLVERS/Capitol P 4336	8
17	9	**DISCO DUCK (PART I)** RICK DEES & HIS CAST OF IDIOTS/ RSO 857 (Polydor)	18
18	22	**LIVIN' THING** ELECTRIC LIGHT ORCHESTRA/ United Artists XW888 Y	7
19	24	**DAZZ** BRICK/Bang 727	8
20	23	**AFTER THE LOVIN'** ENGELBERT HUMPERDINCK/Epic 8 50270	7
21	14	**THE WRECK OF THE EDMUND FITZGERALD** GORDON LIGHTFOOT/Reprise RPS 1369 (WB)	16
22	16	**IF YOU LEAVE ME NOW** CHICAGO/Columbia 3 10390	19
23	17	**JUST TO BE CLOSE TO YOU** COMMODORES/Motown M 1402F	15
24	21	**PLAY THAT FUNKY MUSIC** WILD CHERRY/Epic/Sweet City 8 50225	26
25	46	**CAR WASH** ROSE ROYCE/MCA 40615	5
26	26	**FERNANDO** ABBA/Atlantic 3346	17
27	27	**SHE'S GONE** DARYL HALL & JOHN OATES/Atlantic 3332	20
28	33	**LOVE ME** YVONNE ELLIMAN/RSO 858 (Polydor)	7
29	40	**I WISH** STEVIE WONDER/Tamla T 54274F (Motown)	2
30	32	**LOVE BALLAD** LTD/A&M 1867	10
31	28	**A FIFTH OF BEETHOVEN** WALTER MURPHY & THE BIG	

Now	Was	
32	29	**THE BEST DISCO IN T**
33	25	**MAGIC MAN** HEART/
34	30	**(DON'T FEAR) THE R**
35	34	**I ONLY WANT TO BE**
36	31	**DO YOU FEEL LIKE W**
37	45	**SOMEBODY TO LOVE**
38	47	**BLINDED BY THE LIGI**
39	35	**LOWDOWN** BOZ SCA
40	36	**STILL THE ONE** ORLE/
41	37	**DEVIL WOMAN** CLIF
42	48	**THIS SONG** GEORGE
43	38	**THAT'LL BE THE DAY**
44	39	**DON'T GO BREAKING**
45	62	**ENJOY YOURSELF** JA
46	50	**JEANS ON** DAVID D
47	54	**WHISPERING/CHERCI** DR. BUZZARI
48	57	**FREE BIRD** LYNYRD SK
49	41	**YOU ARE MY STARSH**
50	52	**I LIKE DREAMING** KE
51	70	**TORN BETWEEN TWO**
52	64	**DON'T TAKE AWAY**
53	60	**WALK THIS WAY** AER
54	58	**KEEP ME CRYING** AL
55	63	**AIN'T NOTHIN' LIKE**
56	59	**HELLO OLD FRIEND** E
57	69	**SHAKE YOUR RUMP**
58	65	**DRIVIN' WHEEL** FOG
59	68	**DO WHAT YOU WAN**
60	43	**GIVE IT UP (TURN IT**
61	71	**LOST WITHOUT YOU**
62	42	**A LITTLE BIT MORE** D
63	67	**DO IT TO MY MIND**
64	66	**BABY BOY** MARY KA
65	72	**FLIGHT '76** WALTER M

Charts cou

K TOP 100

			WKS. ON CHART
		APPLE BAND/Private Stock 073	28
		OWN (MEDLEY) RITCHIE FAMILY/ Marlin 3306 (TK)	15
		/Mushroom M 7011	21
		EAPER BLUE OYSTER CULT/Columbia 3 10384	19
		WITH YOU BAY CITY ROLLERS/ Arista 0205	15
		VE DO PETER FRAMPTON/A&M 1867	10
		QUEEN/Elektra 45362	3
		HT MANFRED MANN'S EARTH BAND/ Warner Bros. WBS 8252	5
		AGGS/Columbia 3 10367	24
		ANS/Asylum 45336	21
		F RICHARD/Rocket PIG 40574 (MCA)	24
		HARRISON/Dark Horse DRC 8294 (WB)	4
		LINDA RONSTADT/Asylum 45340	17
		G MY HEART ELTON JOHN & KIKI DEE/ Rocket PIG 40585 (MCA)	24
		CKSONS/Epic 8 50289	5
		UNDAS/Chrysalis 2094	8
		HEZ LA FEMME/C'EST SE SI BON D'S ORIGINAL "SAVANNAH BAND"/ RCA PB 10827	4
		KYNYRD/MCA 1948	2
		HIP NORMAN CONNORS/Buddah BDA 542	13
		NNY NOLAN/20th Century TC 2287	5
		LOVERS MARY MacGREGOR/ Ariola America P 7638 (Capitol)	3
		THE MUSIC TAVARES/Capitol P 4348	6
		ROSMITH/Columbia 3 10449	4
		GREEN/Hi 2319 (London)	5
		THE REAL THING DONNY & MARIE/ Polydor PD 14363	4
		RIC CLAPTON/RSO 861 (Polydor)	6
		O THE FUNK BAR KAYS/Mercury 73833	5
		HAT/Bearsville BSS 0313 (WB)	4
		T, BE WHAT YOU ARE DARYL HALL & JOHN OATES/RCA PB 10808	4
		LOOSE) TYRONE DAVIS/Columbia 3 10388	13
		R LOVE BREAD/Elektra 45365	3
		R. HOOK/Capitol P 4280	25
		JOHNNY BRISTOL/Atlantic 3350	4
		Y PLACE/Columbia 3 10422	6
		MURPHY & THE BIG APPLE BAND/ Private Stock 123	5
66	84	**WEEKEND IN NEW ENGLAND** BARRY MANILOW/Arista 0212	2
67	77	**OPEN SESAME** KOOL & THE GANG/De-Lite 1586	2
68	75	**SATURDAY NIGHT** EARTH, WIND & FIRE/Columbia 3 10449	3
69	79	**YESTERDAY'S HERO** BAY CITY ROLLERS/Arista 0216	2
70	78	**MADEMOISELLE** STYX/A&M 1877	4
71	73	**9,999,999 TEARS** DICKIE LEE/RCA PB 10764	5
72	74	**I DON'T WANT TO LOSE YOUR LOVE/FLOWERS** EMOTIONS/Columbia 3 10347	12
73	44	**IT'S A LONG WAY THERE** LITTLE RIVER BAND/Harvest P 4318 (Capitol)	12
74	83	**NIGHT MOVES** BOB SEGER & THE SILVER BULLET BAND/ Capitol P 4369	2
75	49	**DID YOU BOOGIE (WITH YOUR BABY)** FLASH CADILLAC & THE CONTINENTAL KIDS/Private Stock 079	15
76	86	**SAVE IT FOR A RAINY DAY** STEPHEN BISHOP/ABC 12232	2
77	76	**OB-LA-DI, OB-LA-DA** BEATLES/Capitol P 4347	4
78	80	**FREE** DENIECE WILLIAMS/Columbia 3 10429	5
79	51	**GETAWAY** EARTH, WIND & FIRE/Columbia 3 10373	23

CHARTMAKER OF THE WEEK

80	—	**I LIKE TO DO IT** KC & THE SUNSHINE BAND TK 1020	1
81	55	**LET 'EM IN** WINGS/Capitol P 4293	24
82	82	**LET'S BE YOUNG TONIGHT** JERMAINE JACKSON/ Motown M 1401F	8
83	87	**SIXTEEN REASONS** LAVERNE & SHIRLEY/Atlantic 3367	4
84	85	**LIVIN' IT DOWN** FREDDY FENDER/ABC Dot DOA 17652	7
85	—	**FLY LIKE AN EAGLE** STEVE MILLER/Capitol P 4372	1
86	88	**SO SAD THE SONG** GLADYS KNIGHT & THE PIPS/ Buddah BDA 544	10
87	90	**CATFISH** FOUR TOPS/ABC 12223	27
88	81	**WHENEVER I'M AWAY FROM YOU** JOHN TRAVOLTA/ Midland Intl. MB 10780 (RCA)	9
89	61	**THIS ONE'S FOR YOU** BARRY MANILOW/Arista 0206	13
90	91	**DO THAT STUFF** PARLIAMENT/Casablanca NB 871	3
91	95	**HEART ON MY SLEEVE** GALLAGHER & LYLE/A&M 1850	2
92	94	**SILVER HEELS** BLAZE/Epic/Sweet City 8 50292	6
93	—	**SLOW DANCING** FUNKY KINGS/Arista 0209	1
94	—	**LIVING NEXT DOOR TO ALICE** SMOKIE/RSO 860 (Polydor)	
95	—	**LUCKY MAN** STARBUCK/Private Stock 125	1
96	96	**WITH YOU** MOMENTS/Stang 5068 (All Platinum)	2
97	56	**(SHAKE, SHAKE, SHAKE) SHAKE YOUR BOOTY** KC & THE SUNSHINE BAND/TK 1019	24
98	—	**CAN'T LET A WOMAN** AMBROSIA/20th Century TC 2310	1
99	—	**MAN SMART, WOMAN SMARTER** ROBERT PALMER/Island 075	1
100	92	**A DOSE OF ROCK 'N' ROLL** RINGO STARR/Atlantic 3361	11

rtesy of RECORD WORLD

music programming

DON'T RAZZ RAZZ

by Michael B. Klein

It was bound to happen sooner or later. A new wave of music is washing over us. Many people have coined it "razz." What is it? I suppose the best definition I've heard is that razz is a cross between jazz and rock, hence the name. I have also heard that razz utilizes the elements of jazz with a mild disco beat. Whatever it is, it has had tremendous success and is damn good music.

Take for example George Benson. I remember many years ago, one couldn't give away a George Benson album. Naturally, the jazz people were into him, much the way they were into the late Wes Montgomery before any MOR or rocker ever heard of him. As a matter of fact, probably one of the best lps that Benson ever recorded was completely overlooked until his success with his *Breezin'* lp. That record was an album of Beatle's songs, *The Other Side of Abbey Road.* It's now a classic.

Razz has already given us a wide range of good music, from the pure vocals of Esther Satterfield to the Crusaders. Now, as with the disco rage, there seems to be an overabundance of razz records. But unlike disco music, this is good stuff.

Many cynics call this formula music. Agreed. But at least with razz, we have a good, inventive base to build on.

DOMELO—Roy Ayers Ubiquity/Polydor PD 14370

Domelo means "Give It to Me" in Spanish, and Roy definitely gives it to us. Roy has been an accomplished jazz musician for many years and has had mild success as a jazzman. But now, with the popularity of razz, perhaps his time has come. This single is a perfect example of good razz. It has a fine beat and a contagious dance rhythm. And Roy's ability as a quick and nimble keyboard man makes this single even more appealing. This will be a fine addition to any jukebox where you have hip-sophisticated listeners.

EASY TO LOVE—Joe Simon/Spring Records SP 169

Joe Simon has been around for a long time, too. But his success has come mainly from the soul area. He has had many hits in the past, but none that seem to have this feel about them. I think that Joe has always been on the fringe of being a jazz singer, perhaps not like King Pleasure or even Mel Torme, but Joe has that "feel" about his music and delivery. This single is a medium tempo tune, almost on the edge of being upbeat. This record has good "hooks" and is a natural jukebox number. It might even do well with a disco crowd of you have that type of clientele.

ONLY A CHILD CAN LOVE—Ohio Players/Mercury 73860

The Ohio Players have been a solid soul group for so long that it may be hard to shake that image. However, here they do it perfectly with super-slick arrangements on both sides of this single. I think that both are potential hits with the "white" listener. Up until recently, not too many "white" stations were playing their music. But with the release of this single, they are destined to have a giant hit. I think the best word to sum up this uptempo single is "tight." Tight horn section and tight vocals with superb harmony. I might add that this single has the best sound quality (aside from lps) that I've heard in a long time. And the stereo separation is perfect. My vote goes to this record as the best of the month.

ENGLAND, ENGLAND—Randy Pie/Polydor PD 14368

This single is not razz, but I found myself so captivated by this European group that I had to mention it. The beat is reggae. The sound could even be disco, but it is very commercial. This disc could go in your jukeboxes anywhere (except a country location). If this group gets exposure they could be the hottest thing since the Bee Gees. Do listen to it, if possible.

PICK HITS

Popular

AIN'T NOTHING LIKE THE REAL THING Donny & Marie Osmond/Polydor 14363
YESTERDAY'S HERO Bay City Rollers/Arista 0216
IT KEEPS YOU RUNNIN' Doobie Bros./Warner Bros. 8282
DRIVING WHEEL Foghat/Bearsville 0313
I LIKE DREAMIN' Kenny Nolan/20th Cent. 2287
NIGHT MOVIES Bob Seger/Capitol
ST. CHARLES Jefferson Starship/Grunt 10791
BABY, I'LL GIVE IT TO YOU Seals & Crofts/Warner Bros. 8277
BABY, YOU LOOK GOOD TO ME TONIGHT John Denver/RCA 10854
BLINDED BY LIGHT Manfred Mann's Earth Band/Warner Bros. 8252
SIXTEEN REASONS Laverne & Shirley/Atlantic 3367
FEELINGS Walter Jackson/Chi. Sound 908
I CAN'T ASK FOR MORE Cliff Richards/MCA 40625
FREE Deniece Williams/Columbia 10429
WOMAN'S GOTTA HAVE IT James Taylor/Warner Bros. 8278
SAY YOU'LL STAY UNTIL TOMORROW Tom Jones/Epic 50308
WHITE BIRD David LaFlamme/Amherst 717

Country

YOUR PLACE OR MINE Gary Stewart/RCA 10833
LIARS ONE, BELIEVERS ZERO Bill Anderson/MCA 40661
WHY LOVERS TURN TO STRANGERS Freddie Hart/Capitol 4363
SING A SAD SONG Wynn Stewart/Playboy 6091
A LITTLE AT A TIME Sunday Sharpe/Playboy 6090
A MANSION ON THE HILL Ray Price/Dot 17666
UNCLOUDY DAY Willie Nelson/Columbia 10453
MILES & MILES OF TEXAS Asleep at the Wheel/Capitol 4357

Soul

FREE Deniece Williams/Columbia 10429
WHEN LOVE IS NEW Arthur Prysock/Old Town 1000
GOIN' UP IN SMOKE Eddie Kendricks/Tamla 54277
CLOSE TO YOU Tyrone Davis/Columbia 10457
EASY TO LOVE Joe Simon/Spring 169
CLOSE TO YOU Ronnie Dyson/Columbia 10441

courtesy of **STERLING TITLE STRIP CO., INC.**
1175 Broad Street, Newark, N.J. 07114

Top 20 Country

Now	Was		
1	2	THINKIN' OF A RENDEZVOUS	JOHNNY DUNCAN/Columbia 3 10417
2	4	GOOD WOMAN BLUES	MEL TILLIS/MCA 40627
3	1	9,999,999 TEARS	DICKEY LEE/RCA PB 10764
4	10	SHE NEVER KNEW ME	DON WILLIAMS/ABC Dot DOA 17658
5	7	TAKE MY BREATH AWAY	MARGO SMITH/Warner Bros. 8261
6	6	HILLBILLY HEART	JOHNNY RODRIGUEZ/Mercury 73855
7	9	BABY BOY	MARY KAY PLACE/Columbia 3 10422
8	8	LAWDY MISS CLAWDY	MICKEY GILLEY/Playboy 6089
9	11	SWEET DREAMS	EMMYLOU HARRIS/Reprise RPS 1371
10	15	BROKEN DOWN IN TINY PIECES	BILLY CRASH CRADDOCK/ABC Dot DOA 17659
11	13	FOX ON THE RUN	TOM T. HALL/Mercury 73850
12	3	LIVING IT DOWN	FREDDY FENDER/ABC Dot DOA 17652
13	25	STATUES WITHOUT HEARTS	LARRY GATLIN/Monument 45 201
14	24	DON'T BE ANGRY	DONNA FARGO/ABC Dot DOA 17660
15	27	TWO DOLLARS IN THE JUKEBOX	EDDIE RABBITT/Elektra 4357
16	18	NEVER DID LIKE WHISKEY	BILLIE JO SPEARS/United Artists XW880 Y
17	19	EVERYTHING I OWN	JOE STAMPLEY/ABC Dot DOA 17654
18	23	YOU NEVER MISS A REAL GOOD THING (TILL HE SAYS GOODBYE)	CRYSTAL GAYLE/United Artists XW883 Y
19	26	LOOKING OUT MY WINDOW THROUGH THE PAIN	MEL STREET/GRT 083
20	28	I CAN'T BELIEVE SHE GIVES IT ALL TO ME	CONWAY TWITTY/MCA 40649

Top 20 Soul

Now	Was		
1	2	CAR WASH	ROSE ROYCE/MCA 40615
2	1	DAZZ	BRICK/Bang 727
3	3	YOU DON'T HAVE TO BE A STAR (TO BE IN MY SHOW)	MARILYN McCOO & BILLY DAVIS, JR./ABC 12208
4	6	ENJOY YOURSELF	THE JACKSONS/Epic 8 50289
5	4	LOVE BALLAD	LTD/A&M 1847
6	5	THE RUBBERBAND MAN	SPINNERS/Atlantic 3355
7	16	HOT LINE	SYLVERS/Capitol P 4336
8	7	JUST TO BE CLOSE TO YOU	COMMODORES/Motown M 1402F
9	9	SHAKE YOUR RUMP TO THE FUNK	BAR KAYS/Mercury 73833
10	13	DO IT TO MY MIND	JOHNNY BRISTOL/Atlantic 3350
11	10	CATFISH	FOUR TOPS FOUR TOPS/ABC 12223
12	8	GIVE IT UP (TURN IT LOOSE)	TYRONE DAVIS/Columbia 3 10388
13	11	YOU ARE MY STARSHIP	NORMAN CONNORS/Buddah BDA 542
14	12	MESSAGE IN OUR MUSIC	O'JAYS/Phila. Intl. ZS8 3601 (CBS)
15	14	(SHAKE, SHAKE, SHAKE) SHAKE YOUR BOOTY	KC & THE SUNSHINE BAND/TK 1019
16	19	WITH YOU	MOMENTS/Stang 5068 (All Platinum)
17	18	SO SAD THE SONG	GLADYS KNIGHT & THE PIPS/Buddah BDA 544
18	20	KEEP ME CRYIN'	AL GREEN/Hi 2319 (London)
19	17	PLAY THAT FUNKY MUSIC	WILD CHERRY/Epic-Sweet City 8 50225
20	15	A FIFTH OF BEETHOVEN	WALTER MURPHY & THE BIG APPLE BAND/Private Stock 073

Alphabetical Listing

A DOSE OF ROCK 'N' ROLL Arif Mardin (Bloomsbury, BMI) 100
A FIFTH OF BEETHOVEN RFT Music Pub. Corp. (RFT, BMI) 31
A LITTLE BIT MORE Ron Haffkine (Bygosh, ASCAP) 62
AIN'T NOTHIN' LIKE THE REAL THING Mike Curb & Michael Lloyd (Jobete, ASCAP) 55
AFTER THE LOVIN' Joel Diamond & Charlie Calello (Silver Blue, ASCAP) 20
BABY BOY Brian Ahern (Stock, ASCAP) 64
BETH Bob Ezrin (Cafe American/Kiss Songs, ASCAP: All By Myself, BMI) 13
BLINDED BY THE LIGHT Manfred Mann (Laurel Canyon, ASCAP) 38
CAN'T LET A WOMAN Alan Parsons (Rubicon, BMI) 98
CAR WASH Norman Whitfield (Duchess, BMI) 25
CATFISH L. Payton (ABC-Dunhill/Rall, BMI) 87
DAZZ Jim Healy, Johnny Duncan, Robert E. Lee & Brick (Silver Clouds/Trolley, ASCAP) 19
DEVIL WOMAN B. Welch (Unichappell, BMI) 41
DID YOU BOOGIE (WITH YOUR BABY) Joe Renzetti & David Chacklee (Goblet, BMI) 75
DISCO DUCK (Part 1) Bobby Manuel (Stafree, BMI) 17
DO THAT STUFF George Clinton (Rick's Music/Malbiz, BMI) 90
(DON'T FEAR) THE REAPER M. Krugman, S. Pearlman & D. Lucas (B. O'Cult, ASCAP) 34
DON'T GO BREAKING MY HEART Gus Dudgeon (Big Pig/Leeds, ASCAP) 44
DON'T TAKE AWAY THE MUSIC Freddie Perren (Bull Pen, BMI; Perren-Vibes, ASCAP) 52
DO IT TO MY MIND Johnny Bristol (Bushka, ASCAP) 63
DO WHAT YOU WANT, BE WHAT YOU ARE Christopher Bond (Unichappell, BMI) 59
DO YOU FEEL LIKE WE DO Peter Frampton (Almo/Fram-Dee/UA, ASCAP) 36
DRIVIN'WHEEL Dan Hartman (Knee Trembler, ASCAP) 58
ENJOY YOURSELF Kenneth Gamble & Leon Huff (Mighty Three, BMI) 45
FERNANDO Benny Andersson & Bjorn Ulvaeus (Artwork, ASCAP) 26
FLIGHT '76 Thomas J. Valentino (RFT/Don Kirshner, BMI) 65
FLOWERS Maurice White & Charles Stepney (Saggifire, BMI/Kalimba, ASCAP) 72
FLY LIKE AN EAGLE Steve Miller (Sailor, ASCAP) 85
FREE Maurice White & Charles Stepney (Kee-Drick, BMI) 78
FREE BIRD Tom Dowd (Duchess/Hustlers, BMI) 48
GETAWAY Maurice White & Charles Stepney (Kalimba, ASCAP) 79
GIVE IT UP (TURN IT LOOSE) Leo Graham (N.Y. Times/Content/Little Bear's, BMI) 60
HEART ON MY SLEEVE David Kershenbaum (Irving, BMI) 91
HELLO OLD FRIEND Rob Fraboni (Stigwood/Unichappell, BMI) 56
HOT LINE Freddie Perren (Bull Pen, BMI; Perren-Vibes, ASCAP) 16
I DON'T WANT TO LOSE YOUR LOVE M. White & C. Stepney (Pamjokeen, BMI) 72
I LIKE DREAMING Kenny Nolan (Sound of Nolan/Chelsea, BMI) 50
I LIKE TO DO IT Casey/Finch (Sherlyn/Harrick, BMI) 80
I NEVER CRY Bob Ezrin (Ezra/Early Frost, BMI) 12
I ONLY WANT TO BE WITH YOU Jimmy Ienner (Chappell, ASCAP) 35
I WISH Stevie Wonder (Jobete/Black Bull, ASCAP) 29
IF YOU LEAVE ME NOW James William Guercio (Big Elk/Polish Prince, ASCAP) 22
IT'S A LONG WAY THERE G. Wheatley & The Little River Band (Australian Tumbleweed, BMI) 73
JEANS ON Air Prod. (Math/Dick James, BMI) 46
JUST TO BE CLOSE TO YOU James Carmichael & Commodores (Jobete/Commodores Enter., ASCAP) 23
KEEP ME CRYING Willie Mitchell (Jec/Green, BMI) 54
LET 'EM IN Paul McCartney (MPL Communications by Arrangement with ATV, BMI) 81
LET'S BE YOUNG TONIGHT Michael L. Smith (Jobete, ASCAP, Stone Diamond, BMI) 82
LIVIN' IT DOWN Huey P. Meaux (Ben Peters/Crazy Cajun, BMI) 84
LIVING NEXT DOOR TO ALICE M. Chapman with Nicky Chin (Chinnichap, BMI)..... 94
LIVIN' THING Jeff Lynne (Unart/Jet, BMI) 18
LOST WITHOUT YOUR LOVE David Gates (Kipahulu, ASCAP) 61
LOVE BALLAD Larry Mizell & Fonce Mizell (Unichappell, BMI) 30
LOVE ME Freddie Perren (Unichappell, BMI) 28
LOVE SO RIGHT Bee Gees & Albhy Galuten (Casserole/Unichappell, BMI) 10
LOWDOWN Joe Wissert (Boz Scaggs/Hudmar, ASCAP) 39
LUCKY MAN B. Blackman & M. Clark (Brother Bill's, ASCAP) 95
MADEMOISELLE Styx (Almo/Styglan, ASCAP) 70
MAGIC MAN Mike Flicker (Andorra, ASCAP) 33
MAN SMART, WOMAN SMARTER Steve Smith (Chesdel, BMI) 99
MORE THAN A FEELING John Boylan & Tom Scholz (Pure, BMI) 4
MUSKRAT LOVE Captain & Toni Tennille (Wishbone, ASCAP) 5
NADIA'S THEME (THE YOUNG AND THE RESTLESS) Barry DeVorzon & Perry Botkin, Jr., (Screen-Gems-EMI, BMI) 7
NIGHT MOVES Bob Seger & Punch Andrews (Gear, ASCAP) 74
NIGHTS ARE FOREVER WITHOUT YOU Kyle Lehning (Dawnbreaker, BMI) 9
9,999,999 Roy Dea & Dickey Lee (Lowery, BMI) 71
OB-LA-DI OB-LA-DA George Martin (Maclean, BMI) 77
OPEN SESAME K. G. Prod. & Mr. Vee Prod. (Delightful/Gang, BMI) 67
PLAY THAT FUNKY MUSIC Robert Parissi (Berna/Blaze, ASCAP) 24
ROCK'N ME Steve Miller (Sailor, ASCAP) 6
SATURDAY NIGHT Maurice White & Charles Stepney (Saggifire, BMI) 68
'VE IT FOR A RAINY DAY (Stephen Bishop, BMI) 76
(SHAKE, SHAKE, SHAKE) SHAKE YOUR BOOTY Casey-Finch (Sherlyn, BMI) 97
SHAKE YOUR RUMP TO THE FUNK Allan Jones (Barkay, BMI) 57
SHE'S GONE Arif Mardin (Unichappell, BMI) 27
SILVER HEELS Stan Hartzman & Blaze (Rockhopper, ASCAP) 92
SIXTEEN REASONS Sidney Sharp & Jimmy Haskell (Belinda/Elvis Presley, BMI) 83
SLOW DANCING Paul A. Rothchild (Jazzbird, Benchmark, ASCAP) 93
SOMEBODY TO LOVE Queen (Queen/Beachwood, ASCAP) 37
SORRY SEEMS TO BE THE HARDEST WORD Gus Dudgeon (Big Pig/Leeds, ASCAP) 15
SO SAD THE SONG Milton Okun (Cherry Lane, ASCAP) 86
STAND TALL Richard Perry (Shillelegh, BMI) 14
STILL THE ONE Chuck Plotkin (Siren, BMI) 40
THAT'LL BE THE DAY Peter Asher (MPL Communcations, BMI) 43
THE BEST DISCO IN TOWN J Morali & R. Rome (Can't Stop, BMI) 32
THE RUBBERBAND MAN Thom Bell (Mighty Three, BMI) 2
THE WRECK OF THE EDMUND FITZGERALD Lenny Waronker & Gordon Lightfoot (Moose, CAPAC) 21
THIS SONG George Harrison (Ganga, B.V., BMI) 42
THIS ONE'S FOR YOU Ron Dante & Barry Manilow (Kamakazi, BMI) 89
TONIGHT'S THE NIGHT (GONNA BE ALRIGHT) Tom Dowd (Cock & Trumpet, ASCAP) 1
TORN BETWEEN TWO LOVERS P. Yarrow & B. Beckett (Muscle Shoals, BMI/Silver Dawn, ASCAP) 51
WALK THIS WAY Jack Douglas (Daksel, BMI) 53
WEEKEND IN NEW ENGLAND Ron Dante and Barry Manilow (Unart/Piano Picker, BMI) 66
WHENEVER I'M AWAY FROM YOU B. Reno & J. Davis (Midsong, ASCAP).... 88
WHISPERING/CHERCHEZ LA FEMME/C'EST SE SI BON Sandy Linzer (Miller/Fisher-Pink Pelican, BMI) 47
WITH YOU Sylia (Unichappell Begonia/Aschken, BMI) 96
YESTERDAY'S HERO Jimmy Ienner (Edward B. Marks, BMI) 69
YOU ARE MY STARSHIP S. Drinkwater & J. Schoenbaum (Electrocord, ASCAP) 49
YOU ARE THE WOMAN Jim Mason (Stephen Stills, BMI) 11
YOU DON'T HAVE TO BE A STAR TO BE IN MY SHOW) Don Davis Groovesville, BMI) 3
YOU MAKE ME FEEL LIKE DANCING Richard Perry (Brainstorm, BMI) 8

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